

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings and versions of claims in this application.

1. (Currently Amended) A nutritional composition, wherein said nutritional composition has an energy content is between 1.4-1.6 kcal per ml of said composition and comprises comprising:
a lipid source, and
a carbohydrate source;
~~the composition has an energy content of at least 1.3 kcal per ml, and~~
a protein source that provides from 20 to 30% of the energy of the composition and comprises casein, whey and TGF- β -comprising 40 to 80% by weight of casein and from 60-20% by weight of whey; comprising from 0.5 to 20 μ g of TGF β per 100 kcal of the composition; and
~~comprising~~ free glutamine in a quantity such as to provide from 2 to 15% of the energy of the said composition; and
wherein the remainder of said nutritional composition comprises 40 to 80% by weight of casein, from 60-20% by weight of whey; and from 0.5 to 20 μ g of TGF- β per 100 kcal of the composition.
2. (Currently Amended) The composition according to claim 1, wherein the said TGF- β is TGF β 2 provided by acid casein and wherein ~~the said casein component of the protein source~~ contains at least enough acid casein to provide the TGF- β 2.
3. (Currently Amended) The composition according to claim 2, wherein the ~~composition the comprises~~ TGF- β 2 is from 1.5 to 4 μ g of TGF- β 2 per 100 kcal of the composition.
4. (Cancelled)
5. (Previously Presented) The composition according to claim 1, wherein the free glutamine provides from 5 to 10% of the energy of the composition.

6. (Previously Presented) The composition according to claim 1, wherein the lipid source provides from 25 to 45% of the energy of the composition.

7. (Previously Presented) The composition according to claim 1, wherein the lipid source comprises, in percent by weight of the lipid source, from 30 to 70% of medium chain triglycerides.

8. (Previously Presented) The composition according to claim 1, wherein the carbohydrate source provides from 25 to 55% of the energy of the composition

9. (Currently Amended) A method ~~for the manufacture of a nutritional formulation or supplement~~ for alleviating and/or reducing side effects of chemotherapy and/or radiotherapy in a patient comprising:

administering to said patient an effective amount of using a nutritional composition having an energy content is between 1.4-1.6 kcal per ml of said composition, wherein said nutritional composition comprises comprising:

a lipid source; and

a carbohydrate source;

~~the composition has an energy content of at least 1.3 kcal per ml, and a protein source that provides from 20 to 30% of the energy of the composition and comprises casein, whey and TGF- β comprising 40 to 80% by weight of casein and from 60-20% by weight of whey; comprising from 0.5 to 20 μ g of TGF- β per 100 kcal of the composition; and~~

~~comprising free glutamine in a quantity such as to provide from 2 to 15% of the energy of the said composition,~~

wherein the remainder of said nutritional composition comprises 40 to 80% by weight of casein, from 60-20% by weight of whey; and from 0.5 to 20 μ g of TGF- β per 100 kcal of the composition.

10. (Currently Amended) The ~~use method~~ of claim 9, wherein ~~the said~~ side effects of chemotherapy and/or radiotherapy ~~include a symptom chosen~~ are selected from the group consisting of diarrhoea, stomatitis, mucositis and increased intestinal permeability.

11. (Currently Amended) A method ~~for the manufacture of a nutritional formulation or supplement~~ for providing nutrition to a patient ~~patients~~ suffering from cancer during periods of chemotherapy and/or radiotherapy treatment and immediately after such periods of treatment comprising:

administering to said patient an effective amount of using a nutritional composition having an energy content is between 1.4-1.6 kcal per ml of said composition, wherein said nutritional composition comprises comprising:

a lipid source; and

a carbohydrate source;

the composition has an energy content of at least 1.2 kcal per ml, and a protein source that provides from 20 to 30% of the energy of the composition and comprises casein, whey and TGF- β -comprising 40 to 80% by weight of casein and from 60-20% by weight of whey; comprising from 0.5 to 20 μ g of TGF- β per 100 kcal of the composition; and

comprising free glutamine in a quantity such as to provide from 2 to 15% of the energy of the said composition,

wherein the remainder of said nutritional composition comprises 40 to 80% by weight of casein, from 60-20% by weight of whey; and from 0.5 to 20 μ g of TGF- β per 100 kcal of the composition.

12-13. (Cancelled)

14. (New) A nutritional composition, wherein said nutritional composition has an energy content of 1.2 to 2 kcal per ml of said composition and comprises:

a lipid source,

a carbohydrate source;

a protein source that provides from 20 to 30% of the energy of the composition and comprises casein, whey and TGF- β ; and

free glutamine in a quantity such as to provide from 2 to 15% of the energy of said composition; and

wherein the remainder of said nutritional composition comprises 40 to 80% by weight of casein, from 60-20% by weight of whey; and from 0.5 to 20 μg of TGF- β per 100 kcal of said composition.